



In re Application of

Confirmation No.: 6191

Jung-Kyu HWANG

Group Art Unit: 3744

Serial No: 10/695,738

Examiner: Melvin Jones

Filed: October 30, 2003

Customer No.: 34610

For: APPARATUS FOR FIXING PRINTED CIRCUIT BOARD OF REFRIGERATOR

U.S. Patent and Trademark Office  
 Customer Window, Mail Stop Amendment  
 Randolph Building  
 401 Dulany Street  
 Alexandria, Virginia 22314

Dear Sir:

Transmitted herewith is an Amendment and/or Reply in the above identified application.

No additional fee is required.  
 Also attached:

The fee has been calculated as shown below:

	NO. OF CLAIMS	HIGHEST PREVIOUSLY PAID FOR	EXTRA CLAIMS	RATE	FEE
Total Claims	25	25	0	x \$50.00 =	\$0.00
Independent Claims	3	3	0	x \$200.00=	\$0.00
If multiple claims newly presented, add \$360.00					
Fee for extension of time					
<b>TOTAL FEE DUE</b>					<b>\$0.00</b>

Please charge my Deposit Account No. 16-0607 in the amount of \$\_\_\_\_\_. An additional copy of this transmittal sheet is submitted herewith.

A check in the amount of \$ \_\_\_\_\_ (Check #\_\_\_\_\_) is attached.

The Commissioner is hereby authorized to charge payment of any fees associated with this communication or credit any overpayment, to Deposit Account No. 16-0607, including any filing fees under 37 C.F.R. 1.16 for presentation of extra claims and any patent application processing fees under 37 C.F.R. 1.17.

Respectfully submitted,  
 FLESHNER & KIM, LLP

Carol L. Druzick  
 Registration No. 40,287  
 Joanna K. Mason  
 Registration No. 56,408

Docket No.: P-0608

PATENT



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:

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For: APPARATUS FOR FIXING PRINTED CIRCUIT BOARD OF REFRIGERATOR

**REQUEST FOR RECONSIDERATION**

U.S. Patent and Trademark Office  
Customer Window, Mail Stop Amendment  
Randolph Building  
401 Dulany Street  
Alexandria, Virginia 22314

Sir:

In response to the Office Action of May 19, 2005, reconsideration in view of the following remarks is respectfully requested.

Claims 1-25 are pending in this application.

The Examiner is thanked for the indication that claims 1-12 are allowed, and that claims 15-24 would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims. However, for the reasons set forth below, claims 15-24 have not been rewritten in independent form at this time.

The Office Action rejects claims 13-14 and 25 under 35 U.S.C. §102(b) over U.S. Patent No. 6,286,324 to Pastryk et al. (hereinafter "Pastryk"). The rejection is respectfully traversed.

Independent claim 13 recites, *inter alia*, a support member configured to be installed on a

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surface of a main body of the product, and to slidably receive a printed circuit board. Pastryk neither discloses nor suggests such features.

Pastryk discloses an optical ice level sensing system for an ice maker, including an emitter PCB 104 and a receiver PCB 108 positioned at opposite sides of an ice collecting bin 28. Interruption of a line of sight 120 between the emitter 104 and receiver 108 (through openings, or slots 114 and 116 in the bin 28) indicates that the bin 28 is full, and that no additional ice harvesting is required. The receiver PCB 108 is mounted to a receiver cover 150 and installed in a receiver housing 154 recessed in side wall 21 of the freezer 16. The receiver cover 150 and housing 154 capture the side wall 21 therebetween, and are fastened together.

The ice maker may be manually turned on and off by sliding a tab 156 which extends through an opening 158 in the cover 150 between ON and OFF positions. The tab 156 is connected to a slide member 152 which extends along the back surface of the receiver cover 150, and which causes a portion 160 of the slide member 152 to interfere in the line of sight 120 when the tab 156 is in the OFF position. Thus, the only sliding motion disclosed or suggested by Pastryk is related to moving the tab 156 between an ON and OFF position. Pastryk neither discloses nor suggests that the receiver housing 154 and/or cover 150 are configured to slidably receive the receiver PCB 108, as is the support member recited in independent claim 13.

Further, similar to the receiver PCB 108, the emitter PCB 104 is mounted on an emitter cover 128 which is, in turn, attached to and supported by an emitter housing 129 and a side wall

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23 of the freezer 16. Pastryk neither discloses nor suggests that the emitter housing 129 and/or cover 128 are configured to slidably receive the emitter PCB 104, as is the support member recited in independent claim 13.

For at least these reasons, it is respectfully submitted that independent claim 13 is not anticipated by Pastryk, and thus the rejection of independent claim 13 under 35 U.S.C. §102(b) over Pastryk should be withdrawn. Rejected dependent claims 14 and 25, as well as objected to claims 15-24, are allowable at least for the reasons set forth above with respect to independent claim 13, from which they depend, as well as for their added features.

In view of the foregoing amendments and remarks, it is respectfully submitted that the application is in condition for allowance. If the Examiner believes that any additional changes would place the application in better condition for allowance, the Examiner is invited to contact the undersigned, **JOANNA K. MASON**, at the telephone number listed below.

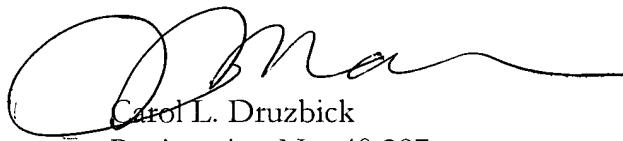
To the extent necessary, a petition for an extension of time under 37 C.F.R. 1.136 is hereby made. Please charge any shortage in fees due in connection with the filing of this,

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concurrent and future replies, including extension of time fees, to Deposit Account 16-0607 and  
please credit any excess fees to such deposit account.

Respectfully submitted,  
FLESHNER & KIM, LLP



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**Date: August 18, 2005**

**Please direct all correspondence to Customer Number 34610**